# ELMO®
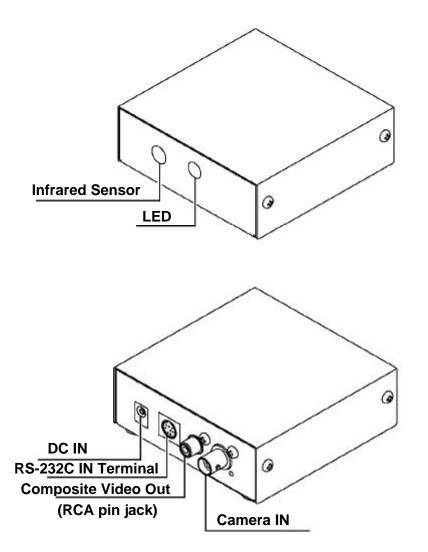
# RSU-200

Remote Control Extension Unit for PTC-200C / PTC-100S / PTC-110R

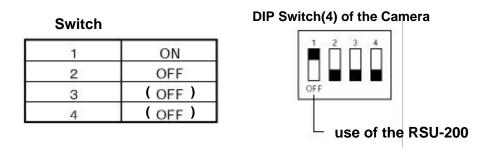## INSTRUCTION MANUAL

## PART NAMES

**Infrared Sensor**

**LED**

**DC IN**
**RS-232C IN Terminal**
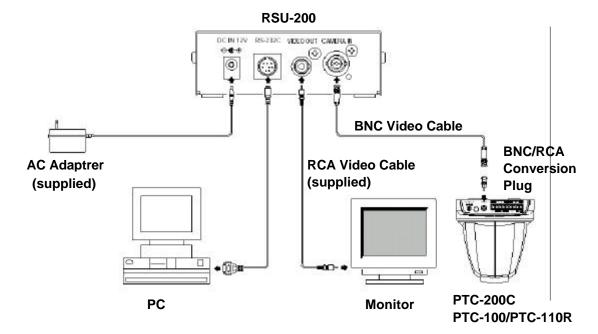**Composite Video Out**
**(RCA pin jack)**

**Camera IN**

## DIP SWITCH SETTING

Be sure to turn ON No.1 of the DIP Switch(4) on the bottom of the Camera
before turning ON the power supply to the Camera.

**Switch**

| | |
|---|---|
| 1 | ON |
| 2 | OFF |
| 3 | ( OFF ) |
| 4 | ( OFF ) |

**DIP Switch(4) of the Camera**

use of the RSU-200

## CONNECTION



**RSU-200**

**AC Adaptrer (supplied)**

**BNC Video Cable**

**BNC/RCA Conversion Plug**

**RCA Video Cable (supplied)**

**PC**

**Monitor**
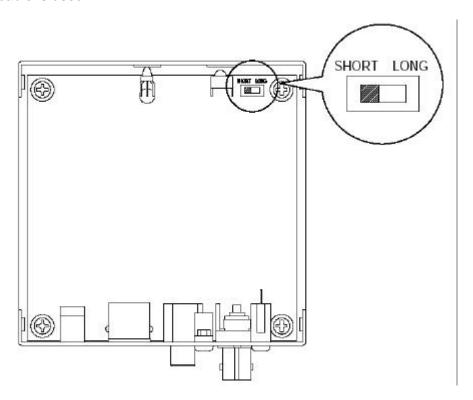
**PTC-200C PTC-100/PTC-110R**

## OPERATION

The infrared emitting window of the wireless remote controller is requested to point
at the Infared Sensor of RSU-200 whenever the controller is in use.
When the unit recieves the IR signal, the LED of RSU-200 lights up.

Note:
* It is not possible to control the "POWER" button of the wireless remote controller.
*It is not recommended to use ID number setting by wireless remote controller,
 when external control (RS-485) is activated.

## INTERNAL SWITCH

When the unit is used for a long distance, select "LONG" ON the internal switch of RSU-200. It is recommended to use the unit within 500m(1640 ft) from PTC Cameras when the 5C-2V cable is used.



## SPECIFICATIONS

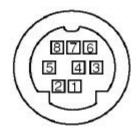| | |
|---|---|
| Power source | 12V DC |
| Power consumption | 2.5W |
| Operating temperature | 32 degF - 104 degF |
| Operating humidity | 30% - 85% |
| Outside dimensions | 98mm(H)x96mm(D)x36mm(H) |
| | 3.8in.(H)x3.8in.(D)x1.4in.(H) |
| Weight | 300g (0.66 lbs) |

## RS-232C SPECIFICATIONS

Pin assignment

| Pin No. | Code | Name |
|---------|------|------|
| 1 | DTR | Data Terminal Ready |
| 2 | DSR | Data Set Ready |
| 3 | TXD | Transmitted Data |
| 4 | GND | Ground |
| 5 | RXD | Received Data |
| 6 | GND | Ground |
| 7 | NC | - |
| 8 | NC | - |

**RS-232C Connector**

Transmission specifications
* Full duplex start-stop sync. mode.
* Start bit        : 1 bit
* Data bit        : 8 bits
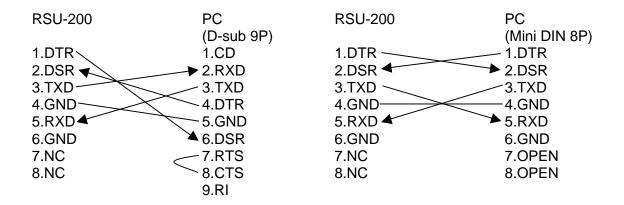*Stop bit         : 1 bit
* Parity bit       : None
* X parameter    : None
* Baud rate       : 9600 bps
* Electric interface  : RS-232C (Mini DIN 8P connector)
* Flow control     : None
* Cable specificatior : Dedicated cable

| RSU-200 | PC (D-sub 9P) | RSU-200 | PC (Mini DIN 8P) |
|---------|---------------|---------|------------------|
| 1.DTR | 1.CD | 1.DTR | 1.DTR |
| 2.DSR | 2.RXD | 2.DSR | 2.DSR |
| 3.TXD | 3.TXD | 3.TXD | 3.TXD |
| 4.GND | 4.DTR | 4.GND | 4.GND |
| 5.RXD | 5.GND | 5.RXD | 5.RXD |
| 6.GND | 6.DSR | 6.GND | 6.GND |
| 7.NC | 7.RTS | 7.NC | 7.OPEN |
| 8.NC | 8.CTS | 8.NC | 8.OPEN |
| | 9.RI | | |

## SUPPLIED ACCESSORIES

Instruction manual
Video cable
AC adaptor